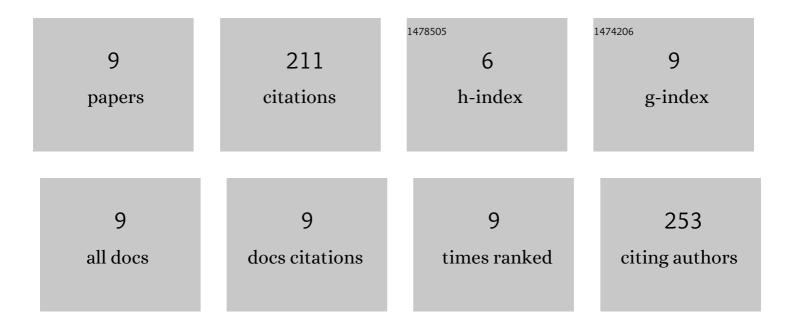
Lars Fredrik Fjæra

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Exploration and application of phenomenological RBE models for proton therapy. Physics in Medicine and Biology, 2018, 63, 185013.	3.0	86
2	Linear energy transfer distributions in the brainstem depending on tumour location in in intensity-modulated proton therapy of paediatric cancer. Acta Oncológica, 2017, 56, 763-768.	1.8	36
3	A phenomenological biological dose model for proton therapy based on linear energy transfer spectra. Medical Physics, 2017, 44, 2586-2594.	3.0	33
4	Monte Carlo simulations of a low energy proton beamline for radiobiological experiments. Acta Oncológica, 2017, 56, 779-786.	1.8	24
5	The FLUKA Monte Carlo code coupled with an OER model for biologically weighted dose calculations in proton therapy of hypoxic tumors. Physica Medica, 2020, 76, 166-172.	0.7	13
6	Inter-patient variations in relative biological effectiveness for cranio-spinal irradiation with protons. Scientific Reports, 2020, 10, 6212.	3.3	8
7	The Organ Sparing Potential of Different Biological Optimization Strategies in Proton Therapy. Advances in Radiation Oncology, 2021, 6, 100776.	1.2	5
8	Spatial Agreement of Brainstem Dose Distributions Depending on Biological Model in Proton Therapy for Pediatric Brain Tumors. Advances in Radiation Oncology, 2021, 6, 100551.	1.2	3
9	Implementation of a double scattering nozzle for Monte Carlo recalculation of proton plans with variable relative biological effectiveness. Physics in Medicine and Biology, 2020, 65, 225033.	3.0	3